BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

me of Work: Improvements to roads and drains at 10th Cross Mahalakshmi Nagara in
ard no 14 (Bagalagunte)

Sl	Description of Item	Unit	Est. Cost Rs				50.00	Lakhs	
			No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 · Excavation for road, drains and similar works · KSRRB 300·1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.142/1.19.1 PW. P & IWTD -SR 2016-17)								
		Cum	1	240.00	1.20	1.05	302.40		
			1	250.00	5.00	0.40	500.00		
	Basic Rate	82.00					802.40	86.92	69745.00
	Add Area Weightage 6%	4.92							
	Total	86.92							
2	KSRB 4·1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/1.4.3) PWD · SR 2016-17)								
		Cum	1	240.00	1.20	0.15	43.20		
	Basic Rate	4867.00					43.20	5159.02	222870.00
	Add Area Weightage 6%	292.02							
	Total	5159.02							
3	KSRB 4·6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications, Specification NO KBS 4.6.2 Page No 15/ Item No 4.31/PWD SR 2016-17								
		Sqm	4	240.00	1.00		960.00		
	Basic Rate	293.00					960.00	310.58	298157.00
	Add Area Weightage 6%	17.58							
	Total	310.58							
4	KSRRB M2200·5.9. Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103·1999 Reaffirmed·2008· i) Upto 5 m height. (Pg.No.223, It.no.28.7.9)								
	bottom of drain	Cum	1	240.00	0.90	0.15	32.40		
	sidewalls		2	240.00	0.15	0.80	57.60		
	Basic Rate	6571.00					90.00	6965.26	626873.00
	Add Area Weightage 6%	394.26							
	Total	6965.26							

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	M25(M) 6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub structure complete as per drawing and Technical Specifications complete as per specifications MORTH Specifications Clause & 2500 [P no 225 1 No 28.8.2]								
	Bar da bars @ 100mm c/c	Tonne	24	240.00	0	0.62	3071.20		
			2400	2.40	0	0.62	3071.20		
							7142.40		
						Say	7.14	60693.14	433602.00
	Basic Rate	62719.00							
	Add 6% A.W	3763.14							
	TOTAL	66482.14							
6	Supplying and fixing precast reinforced concrete slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc. complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials								
		Sqm	1	240.00	0.90		216.00		
	Data Rates Approved						216.00	1698.00	366768.00
7	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of upper to site, laying in uniform layers with paver in sub base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc. complete as per the direction of Engineer in charge of the work (PWD SR 2016-17 P No.150, S No.20.1.8)								
	Roads	Cum	1	250.00	3.00	0.15	187.50	1968.00	331313.00
	Basic Rate	1668.00							
	Add Area Weightage 6%	100.08							
	Total	1768.08							
8	KSBRB M600 1 Construction of dry lean cement Concrete mix (C 15 20 with OPC cement @160kgs. with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregate @ 0.58cum sub base over a prepared sub grade with 0 coarse and fine aggregate conforming to IS 383 aggregate cement ratio not to exceed 15 1 Aggregat gradation after blending to be as per Table 600 1 cement content not to be less than 160kg/cum, optimum moisture content to be determined during trail length construction, concrete strength not to less than 10Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8 10 tonnes vibratory roller finishing and curing complete as per specifications(It 22 1 & Page No.176)								
		Cum	1	250.00	3.00	0.15	187.50	3986.66	747499.00
	Basic Rate	3761.00							
	Add Area Weightage 6%	225.66							
	Total	3986.66							

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Disposal of debris to the final place of disposal with all lead and lift and direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2016-17								
		Cum	Qty Vide Item No. 1				802.40	85.65	68724.00
	Loading and Unloading Charges	68.00							
	Lead 4 KMs 2x1.28x4	12.80							
		80.80							
	Add Area Weightage 6%	4.85							
	Total	85.65							
							Sub Total		4502313.00
13	GST, KRIDL & Labour cess Charges 7+3+1=11%								495254.00
14	Miscellaneous								2433.00
								Total	5000000.00

Rupees Fifty Lakhs Only

(CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary

2 The Estimate is prepared as per the PW,P & IWTD -SR-2016-17

3 The Provision made in estimate are adequate and essential.

4 This area comes under BBMP limits.

Assistant Engineer
Ward No 14

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ.EE/DD/AE/09/17-18 ದಿನಾಂಕ : 21-10-2017

ರೂ. ಐವತ್ತು ಲಕ್ಷ ರೂಪಾಯಿಗಳು
Fifty lakhs only

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ.CE/TE/245/17-18 ದಿನಾಂಕ : 31/10/2017

ರೂ. Rs. 50.00 lakhs/-

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಮುಖ್ಯ ಅಭಿಯಂತರರು

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